

3



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/083,297	02/27/2002	William Doyle Gordon	6337.1032	5524

7590 09/08/2005

Geoffrey R. Myers, Esquire  
Hall, Priddy, Myers & Vande Sande  
10220 River Road, Ste. 200  
Potomac, MD 20854

EXAMINER

MIRZA, ADNAN M

ART UNIT	PAPER NUMBER
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2145

DATE MAILED: 09/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/083,297

Applicant(s)

GORDON ET AL.

Examiner

Adnan M. Mirza

Art Unit

2145

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 27 February 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 February 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☒ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

30

**DETAILED ACTION**

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Linderman (U.S. 20020032790) and further in view of Upton (U.S. 20030105884).

As per claims Linderman disclosed 1,11 a method of providing XML web services on an embedded device, comprising: (a) providing a web server on said embedded device; and (b) installing a XML web services extension on said web server; wherein, in response to said web server receiving an HTTP request combined with a Simple Object Access Protocol (SOAP) request from a web client (Page. 2, Paragraph. 0016), said SOAP request is forwarded by said web server to said XML web services extension where it is processed into a SOAP response (Page. 3, Paragraph. 0032).

However Linderman did not disclose said SOAP response is combined with an HTTP response and returned by said web server to said web client.

Art Unit: 2145

In the same field of endeavor Upton disclosed a client application can send a request, such as a SOAP message request to an application server over HTTP. Based on the URI in the request, an identification module in the application server identifies the proper Web service being invoked (Page. 10, Paragraph. 0145).

It would have been obvious to one having ordinary skill in the art at the time of the invention was made to have incorporated a client application can send a request, such as a SOAP message request to an application server over HTTP. Based on the URI in the request, an identification module in the application server identifies the proper Web service being invoked as taught by Upton in the method of Linderman to simplify the complex application-to-application communication over the Internet.

3. As per claims 2,7,16 Linderman-Upton disclosed wherein said XML web services extension utilizes a code template and a set of libraries for interpreting SOAP requests (Linderman, Page. 3, Paragraph. 0033).

4. As per claims 3,13,8,17 Linderman-Upton disclosed wherein said code template is customized for said embedded device (Linderman, Page. 5, Paragraph. 0054).

5. As per claims 4,14,9 Linderman-Upton disclosed wherein said SOAP requests contain remote management instructions for said embedded device (Linderman, Page. 4, Paragraph. 0049).

Art Unit: 2145

6. As per claims 5,10 Linderman-Upton disclosed wherein said XML web services extension can be remotely configured by said web client (Upton, Page. 8, Paragraph 0119).

7. As per claims 6,15 Linderman-Upton disclosed a method of using XML web services for communication between a web client and a web server, comprising: transmitting from said web client to said web server an HTTP request: combined with a Simple Object Access Protocol. (SOAP) request (Linderman, Page. 3, Paragraph 0032); (b) receiving said HTTP request combined with said SOAP request on said web server, wherein said web server includes a XML web services extension and directing said SOAP request to said XML web services extension; (c) processing said SOAP request in said XML web as services extension and sending a SOAP response to said web server (Linderman, Page. 4, Paragraph. 0046); and (d) transmitting from said web server to said web client an HTTP response combined with the SOAP response; wherein said web server is installed on an embedded device (Upton, Page. 10, Paragraph. 0145).

***Conclusion***

8. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Adnan Mirza whose telephone number is (571)-272-3885.

9. The examiner can normally be reached on Monday to Friday during normal business hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on (571)-272-3880. The fax for this group is (703)-746-7239.

10. The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

(703)-746-7239 (For Status Inquiries, Informal or Draft Communications, please label "PROPOSED" or "DRAFT");

(703)-746-7239 (For Official Communications Intended for entry, please mark "EXPEDITED PROCEDURE"),

(703)-746-7238 (For After Final Communications).

11. Any Inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)-305-3900.

Any response to a final action should be mailed to:

Application/Control Number: 10/083,297

Page 6

Art Unit: 2145

BOX AF

Commissioner of Patents and Trademarks Washington, D.C.20231

Or faxed to:

Hand-delivered responses should be brought to 4<sup>th</sup> Floor Receptionist, Crystal Park II,  
2021 Crystal Drive, Arlington, VA 22202.

AM

Adnan Mirza

Examiner

  
RUPAL DHARIA  
SUPERVISORY PATENT EXAMINER